

AMENDMENTS TO THE CLAIMS

1-33 (cancelled)

34 (currently amended) Polymer products ~~obtainable~~obtained ~~from the processes according to any of the claims 30-33~~ from a process for the polymerization of olefins $\text{CH}_2=\text{CHR}^{\text{VIII}}$, wherein R^{VIII} is hydrogen or a hydrocarbon radical having 1-12 carbon atoms, carried out in the presence of a catalyst comprising the product of the reaction between an aluminum alkyl compound and a catalyst component comprising Ti, Mg and Cl, and characterized by the following properties:

- surface area, determined by BET method, of lower than $100 \text{ m}^2/\text{g}$,
- a total porosity, measured by the mercury method, of higher than $0.25 \text{ cm}^3/\text{g}$ and,
- a pore radius distribution, measured by the mercury method, such that at least 45% of the total porosity is due to pores with radius up to $0.1 \mu\text{m}$.

35. (new) Polymer products obtained from a process for the preparation of broad molecular weight distribution ethylene polymers having an F/E ratio higher than 100, wherein the process is carried out in the presence of a catalyst comprising the product of the reaction between an aluminum alkyl compound and a catalyst component comprising Ti, Mg and Cl, and characterized by the following properties:

- surface area, determined by BET method, of lower than $100 \text{ m}^2/\text{g}$,
- a total porosity, measured by the mercury method, of higher than $0.25 \text{ cm}^3/\text{g}$ and,
- a pore radius distribution, measured by the mercury method, such that at least 45% of the total porosity is due to pores with radius up to $0.1 \mu\text{m}$.